

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

*Attorney Docket No.* 404302000700

*First Inventor* Jun Sung YOON

**METHOD FOR EXTRACTING FINGERPRINT FEATURE DATA USING RIDGE ORIENTATION MODEL**

*Express Mail Label No.* EL 868 341 177 US

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Express Mail Label No.: EL 868 341 177 US

Date of Deposit: November 26, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: U.S. Patent and Trademark Office, Box Patent Applications, P.O. Box 2327, Arlington, VA 22202

Tamara Alcaraz

## APPLICATION ELEMENTS

*See MPEP chapter 600 concerning utility patent application contents.*

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |                                        |                                                                                                                                                    |                                                              |                                                                                                                      |                                                         |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> | Fee Transmittal Form (e.g. PTO/SB/17) 2 pages<br><i>(Submit an original, and a duplicate for fee processing)</i>                                   | 7. <input type="checkbox"/>                                  | CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)                                              |                                                         |
| 2. <input checked="" type="checkbox"/> | Applicant claims small entity status.<br>See 37 CFR 1.27.                                                                                          | 8. <input type="checkbox"/>                                  | Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>                            |                                                         |
| 3. <input checked="" type="checkbox"/> | Specification<br><i>(preferred arrangement set forth below)</i>                                                                                    | a. <input type="checkbox"/>                                  | Computer Readable Form (CRF)                                                                                         |                                                         |
|                                        | - Descriptive title of the Invention                                                                                                               | b. <input type="checkbox"/>                                  | Specification Sequence Listing on:                                                                                   |                                                         |
|                                        | - Cross Reference to Related Applications                                                                                                          | i. <input type="checkbox"/>                                  | CD-ROM or CD-R (2 copies); or                                                                                        |                                                         |
|                                        | - Statement Regarding Fed sponsored R & D                                                                                                          | ii. <input type="checkbox"/>                                 | paper                                                                                                                |                                                         |
|                                        | - Reference to sequence listing, a table, or a computer program listing appendix                                                                   | c. <input type="checkbox"/>                                  | Statements verifying identify of above copies                                                                        |                                                         |
|                                        | - Background of the Invention                                                                                                                      |                                                              |                                                                                                                      |                                                         |
|                                        | - Brief Summary of the Invention                                                                                                                   |                                                              |                                                                                                                      |                                                         |
|                                        | - Brief Description of the Drawings <i>(if filed)</i>                                                                                              |                                                              |                                                                                                                      |                                                         |
|                                        | - Detailed Description                                                                                                                             |                                                              |                                                                                                                      |                                                         |
|                                        | - Claim(s)                                                                                                                                         |                                                              |                                                                                                                      |                                                         |
|                                        | - Abstract of the Disclosure                                                                                                                       |                                                              |                                                                                                                      |                                                         |
| 4. <input checked="" type="checkbox"/> | Drawing(s) (35 USC 113)                                                                                                                            | <i>(Total Sheets</i> <input type="text" value="9"/> <i>)</i> | ACCOMPANYING APPLICATION PARTS                                                                                       |                                                         |
| 5. <input checked="" type="checkbox"/> | Oath or Declaration (unsigned)                                                                                                                     | <i>(Total Pages</i> <input type="text" value="3"/> <i>)</i>  | 9. <input checked="" type="checkbox"/>                                                                               | Assignment Papers (cover sheet & document(s)) - 3 pages |
| a. <input type="checkbox"/>            | Newly executed (original or copy)                                                                                                                  | 10. <input type="checkbox"/>                                 | 37 CFR 3.73(b) Statement<br><i>(where there is an assignee)</i>                                                      | <input type="checkbox"/> Power of At                    |
| b. <input type="checkbox"/>            | Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i>                                       | 11. <input type="checkbox"/>                                 | English Translation document (if applicable)                                                                         |                                                         |
| i. <input type="checkbox"/>            | <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) | 12. <input type="checkbox"/>                                 | Information Disclosure Statement (IDS)/PTO-1449                                                                      | <input type="checkbox"/> Copies of ID Citations         |
| 6. <input checked="" type="checkbox"/> | Application Data Sheet. See 37 CFR 1.76 - 4 pages                                                                                                  | 13. <input type="checkbox"/>                                 | Preliminary Amendment                                                                                                |                                                         |
|                                        |                                                                                                                                                    | 14. <input checked="" type="checkbox"/>                      | Return Receipt Postcard (MPEP 503)<br><i>Should be specifically itemized</i>                                         |                                                         |
|                                        |                                                                                                                                                    | 15. <input type="checkbox"/>                                 | Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>                                    |                                                         |
|                                        |                                                                                                                                                    | 16. <input type="checkbox"/>                                 | Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Application must attach form PTO/SB/35 or its equivalent. |                                                         |
|                                        |                                                                                                                                                    | 17. <input type="checkbox"/>                                 | Other _____                                                                                                          |                                                         |

#### **ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s)) - 3 pages

10.  37 CFR 3.73(b) Statement  
*(where there is an assignee)*  Power of Attorney

11.  English Translation document (if applicable)

12.  Information Disclosure Statement  
(IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
*Should be specifically itemized*

15.  Certified Copy of Priority Document(s)  
*(If foreign priority is claimed)*

16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other \_\_\_\_\_

**18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**

Continuation       Divisional       Continuation-In-Part (CIP)      of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Date of AIA/PA: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18 CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label



 Correspondence address below

*(Insert Customer No. or Attach Name and Address)*

(Insert Customer No. or Attach bar code label here)					
Name	Douglas G. Hodder				
Address	Morrison & Foerster, LLP 755 Page Mill Road				
City	Palo Alto	State	California	Zip Code	94304-1018
Country	United States of America	Telephone	(650) 813-4203	Fax	(650) 494-0792
Name (Print/Type)	Douglas G. Hodder	Registration No. (Attorney/Agent)	41,840		
Signature			Date November 26, 2001		

# FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision.

## TOTAL AMOUNT OF PAYMENT

(\$410.00)

Complete if Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Jun Sung YOON
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	404302000700

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-1952**  
Deposit Account Name **Morrison & Foerster LLP**

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

- Check  Credit Card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	<b>370</b>
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) **(\$370.00)**

## 2. EXTRA CLAIM FEES

Total Claims	-	Independent Claims	-	Extra Claims	Fee from below	Fee Paid
10	-20 =	1	-3 =	0	x 9	= \$00
				0	x 42	= \$00

## Multiple Dependent

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	8	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claims, if not paid
109	84	209	42	"Reissue independent claims over original patent
110	18	210	9	"Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$0.00)**

\*\* or number previously paid, if greater; For reissues, see above.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$40.00)**

## SUBMITTED BY

Complete if applicable

Name (Print/Type)	Douglas G. Hodder	Registration No. (Attorney/Agent)	41,840	Telephone	(650) 813-4203
Signature				Date	November 26, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, pa-641550